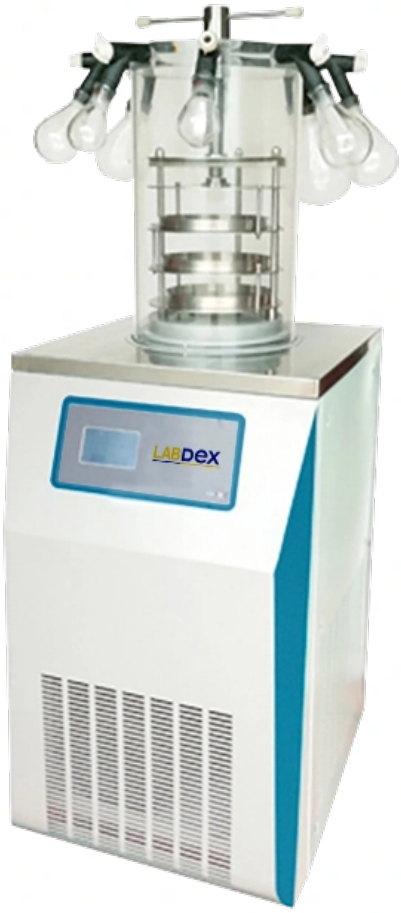

Manifold Top Press Vacuum Freeze Dryer LX2810MFD

Email: info@labdex.com **website:** www.labdex.com

Description

Manifold Top Press Vacuum Freeze Dryer LX2810MFD designed with a condensing capacity of 6 kg / 24 h and a temperature of -50°C. It is allow lyophilization of wide spectrum of sample volumes. It facilitates the connection of eight different sizes of flasks ranging from 50 ml to 1200 ml. built-in transparent drying chamber helps in visualization of drying process. Big opening condenser with external coiling tubes facilitates pre-freezing function. It has Color LCD touch screen displays running time, display sample temperature, condenser temperature, vacuum degree, and save data automatically.

Specifications

Condenser temperature	-50°C
Condenser capacity	6 kg / 24 h
Freeze drying area	0.12 Sq.m
Bulk capacity	1.2 L, 10 mm thickness
Vial capacity	Φ 12 mm: 820 pieces Φ 16 mm: 460 pieces Φ 22 mm: 244 pieces
Manifold	8 ports
Flasks	1000 ml 500 ml 250 ml 100 ml 50 ml 600 ml wide neck flask 1200 ml wide neck flask
Condenser size	Φ 270 mm, 400 mm deep
Drying chamber size	Φ 300 x 540 mm

Cooling	Air cooling
Ambient temperature	≤25°C
Defrosting	Off cycle defrosting
Trays	4 layers
Tray dimension	Φ 200 mm
Tray spacing	50 mm
Vacuum pump flow rate	14.4m3 / h; 4L/S
Vacuum	< 10 PA
Shelf	Electric heating function
Shelf temperature	RT to +80°C
Power	1800 W
Voltage	220V/50 Hz; 110V/60Hz; 120V/ 60Hz
Dimensions	630 x 580 x (970 + 540) mm
Weight	180 kgs

Features

- Condenser temperature -50°C
- Color LCD touch screen display, display of sample temperature, vacuum curve degree, cold trap temperature curve
- Acrylic drying Chamber is safe and easy to view sample status
- High pumping speed vacuum pump

- Pre-freezing function
- Anti-corrosive stainless steel air inlet valve
- USB port to output freeze drying data

Applications

- It is use for preserving a wide variety of heat-sensitive materials such as proteins, microbes, pharmaceuticals, tissues & plasma.

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.

Email: info@labdex.com | Website: www.labdex.com